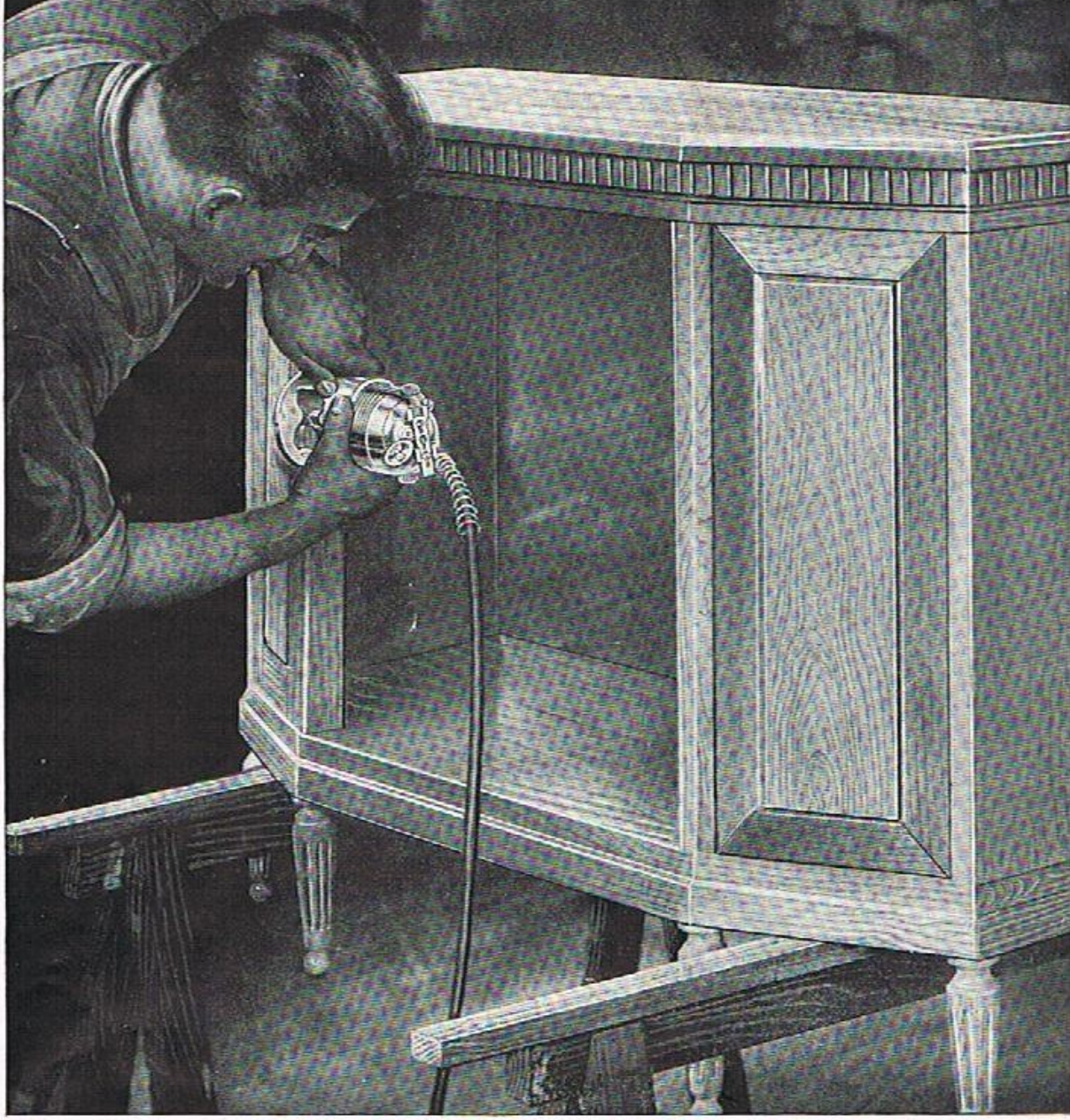
FOLDER
C-16



BETTER WORK • • • MORE OF IT

THE R.L. CARTER CO. INC.
CARTER PRODUCTS
TRADE MARK-Reg. U.S. Pat. Off.
NEW BRITAIN, CONN.

CARTER ELECTRIC ROUTERS

OPERATE FROM LAMP SOCKET

Direct Drive—no belts, gears, idlers or jack shafts.
All the power is transmitted directly to the cutting tool.

The R.L. CARTER COMPANY
INCORPORATED
NEW BRITAIN, CONN., U.S.A.

Special Features of Carter Routers

R2 – 3 H.P. Power Unit
Size – Dia. 5⅜", Lgth. 13", Wgt. 35 lbs.

Carter Motor Units:

The great value of Carter Routers lies in the advantage of being able to use the same motor unit with many different attachments.

All Carter Routers and Attachments are built around four primary electric motor units, ranging from 1/7 H.P. to 3 H.P. This range of power enables Carter Routers to overcome practically any routing problem from light veining to heavy table routing. The wide selection of bits and accessories which can be used in conjunction with various attachments simplifies the most intricate operations.

Economical:

Carter Routers are within the reach of the smallest shops, due to their low price.

They cost very little to operate — continuous operation of a ⅜ H.P. unit costs but a few cents per day.

The same motor unit can be used in many different attachments for routing, dovetailing, grinding, shaping, beading, fluting, turning, inlaying, etc. The larger motor units can also be mounted in our stationary machines.

R5A – 1 H.P. Power Unit
Size – Dia. 3⅞", Lgth. 8½", Wgt. 9½ lbs.

R4 – ⅜ H.P. Power Unit
Size – Dia. 3⅝", Lgth. 6½", Wgt. 4¾ lbs.

R7 – 1/7 H.P. Power Unit
Size – Dia. 3", Lgth. 6", Wgt. 3½ lbs.

Ask for Folder D — "Carter Shapers" and Folder K — "Carter Bits, Cutters and Accessories"

Special Features of Carter Routers

Run from Light Socket:

Carter Routers have a specially designed long life, high speed, 18,000 R.P.M. Universal Motor which can be operated on either AC or DC, 60 cycles or less, direct from any light socket.

No Belts, Idlers or Jack Shafts:

All power is delivered directly to the cutting edge of the bit.

Accurate Depth Adjustment:

Motor casing and motor holder on Carter machines are threaded. Accurate depth adjustments are made by screwing the motor unit up or down in the motor holder.

Sharpening of Bits:

All types of bits can be sharpened by inserting the proper Carter grinding wheel in the chuck of the motor unit.

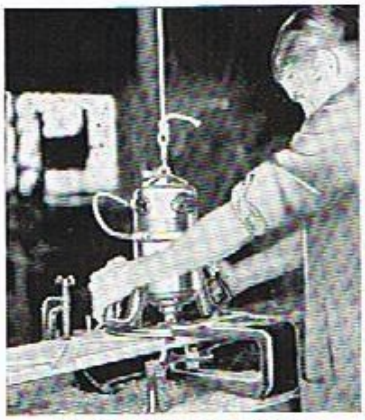
Modernizing Old Equipment:

Proper motor holders and brackets can be supplied with Carter motor units for installation in old belt driven machines. See illustration below.

To Assist You:

A Carter representative will be glad to help you select the machine suited to your requirements and prove to your satisfaction that it will do your work cheaper and better.

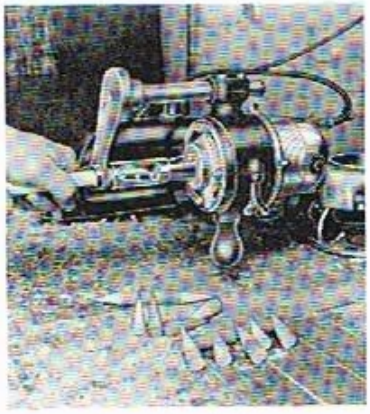
THE R. L. CARTER CO., INC.,
New Britain, Conn., U.S.A.



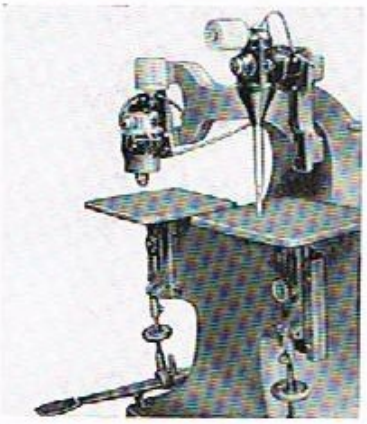
Stair Routing with a Carter Router Type R2

Line and two tone work are easy with a Carter Router

Carter R2 – 3 H.P. Routers are unsurpassed for heavy boat work



An R5 – 1 H.P. Motor Unit converted to a Chucking machine

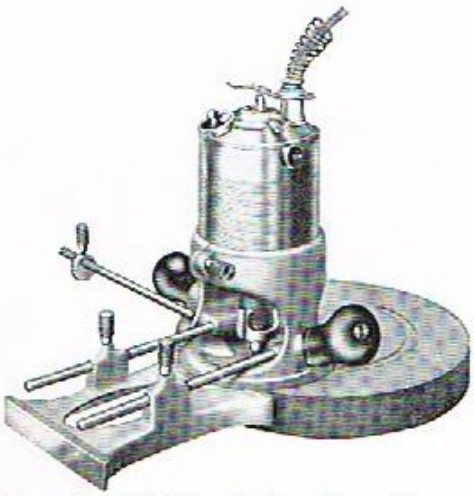


Old Belt Driven Machine Modernized with Carter Power Units

Ask for Folder D — "Carter Shapers" and Folder K — "Carter Bits, Cutters and Accessories"

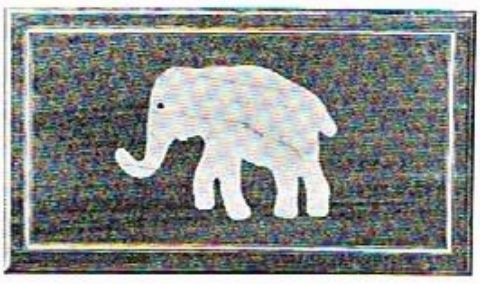
Carter Type R7 — 1/7 H.P. Portable Router

Description and Specifications



R7 — 1/7 H.P. Motor Unit — Router Base — Guide "A" — Straight and Circular Gauge with Circular End (Patented)

R7 — 1/7 H.P. Motor Unit in Plain Base used for Corner Beading



Sample of Inlay work

Illustration shows Type R7 Motor Unit with Router Base, Templet Guide, Straight and Circular Gauge, and Stop Rod.

The Base is threaded to fit the motor casing, giving quick and accurate depth adjustment to one hundredth of an inch.

The Templet Guide screws on to the motor endshield, giving a stationary guide for templet work.

The Straight and Circular Gauge is used for routing parallel to either a straight or circular edge.

The Stop Rod has an adjustable stop which assures uniform length of line work.

This light, compact, little unit with the accessories mentioned above and with various types of Carter straight and pilot bits, can perform countless light operations such as veining, line and inlay routing, light core box work, corner beading and rounding, etc.

MOTOR SPECIFICATIONS

Type — Universal type operating on either AC or DC current, 60 cycles or less; 1/7 H.P.

Size — Diameter 3", Length 6", Weight 3½ lbs.

Voltage — 110 or 220, as specified.

Speed — (no load) — 18,000 R.P.M. on 60 cycles.

Air Cooled — Patented forced air cooling system keeps motor cool under continuous use.

Bearings — Special oversize ball bearings mounted on each end of armature.

Housing — Strong aluminum alloy, highly polished to prevent adherence of grease or dirt.

Switch — Tumbler type, enclosed in motor endshield.

Chuck — Collet type, pressed on armature shaft, ¼" capacity.

Depth Adjustment — Motor casing is threaded sixteen threads to the inch to fit threads in Router Base. Turning the motor to the right or left raises or lowers it in the base, giving accurate depth adjustment.

Cable — 8', rubber covered.

Standard Equipment

Type R7 – Motor (specify voltage) R7 Router Base
"A" Templet Guide R7 Straight and Circular Gauge
R7 Stop Rod

Net Wgt. 4 lbs. Shipping Wgt. 6 lbs.

Carter Type R7 — 1/7 H.P. Router

Attachments and Their Uses

Veining on Flat or Curved Surfaces with Carter Type R7 — 1/7 H.P. Motor Unit

Illustration shows type R7–1/7 H.P. Motor Unit with "D" Veining Guide and Veining Bit set up for veining or line work. The veining guide screws on to the front endshield of the motor and has a round nose for riding curved or flat surfaces. The veining bit projects through the opening in the guide. The depth is adjusted by the position of the bit in the chuck or by inserting a washer behind the guide. Single or double end bits can be furnished for this operation. See page 19.

Standard Equipment

R7 Motor Unit (specify voltage) "D" Veining Guide
Net Weight 3½ lbs. Shipping Weight 4½ lbs.

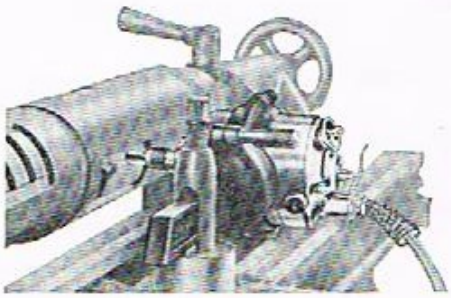
Veining with Type R7 Motor Unit and Veining Guide "D"

R7 Motor Holder for Lathe Tool Post with Carter Type R7 — 1/7 H.P. Motor Unit

This attachment consists of a Motor Holder and Arm which fits any lathe tool post. By clamping the Type R7 Motor Unit in the Holder and inserting in the lathe tool post, numerous cuts may be made while work is still in the lathe. Heavy wood turning is quickly done by using router bits in the chuck of the motor unit. Carter grinding wheels and pencils when used with this attachment simplify many grinding operations such as grinding lathe centers, internal and external grinding and polishing.

Standard Equipment

R7 – 1/7 H.P. Motor Unit (specify voltage) R7 Tool Post Motor Holder
Net Weight 5½ lbs. Shipping Weight 8½ lbs.



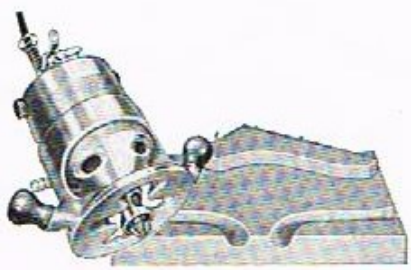
Type R7 Motor Unit, Holder and Arm used in a lathe with Bit at right angles to work

Core Box Routing and Surface Fluting with Carter Type R7 — 1/7 H.P. Router

Light core box work is greatly simplified by the use of the R7 Router. Page 19 shows different size core box bits which are used for this operation. Templet Guide "F" will take any size bit making it necessary to provide only a templet in order to complete the routing. This same equipment may be used for single or multiple surface fluting. Straight or parallel fluting is done with the aid of the Straight and Circular Gauge.

Standard Equipment

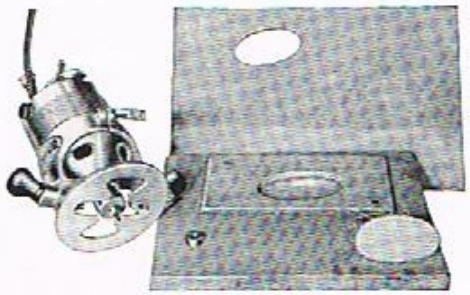
R7 Motor (specify voltage) R7 Plain Base
"F" Templet Guide
Net Weight 4 lbs. Shipping Weight 6 lbs.



Showing two halves of core box completed. Wood Templet is shown in the background

Carter Type R7 — 1/7 H.P. Router

Attachments and Their Uses



Router with Recess and Insert Guide, showing Templet Used, Block Inlay Cut, Recess Cut and Inlay Piece

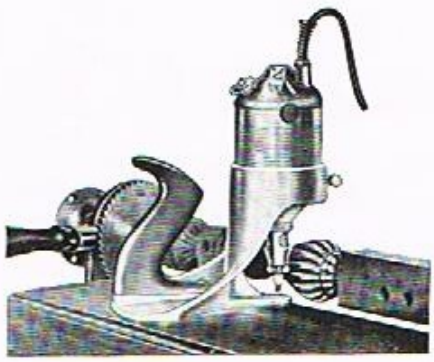
Block Inlaying and Patching with Carter Type R7 — 1/7 H.P. Motor Unit

Using the regular Router Base and R7–1/7 H.P. Motor Unit, a perfect fit can be obtained in block inlay work or veneer patching by attaching the "E" recess and insert guide. This guide has a ring with 3/8" wall and is used with a 3/8" straight bit in the Router. The ring is used to cut the recess and removed to cut the insert. Both cuts are made with the same templet.

Standard Equipment

R7 – 1/7 H.P. Motor (specify voltage)
"E" Guide
R7 Router Base
No. 204 Straight Bit

Net Weight 4 lbs. Shipping Weight 6 lbs.



Carter Beading and Fluting Attachment beading a leg or spindle

Spindle Beading and Fluting with Carter Type R7 — 1/7 H.P. Router Motor

Light spindle beading and fluting is easily done with the Type R7–1/7 H.P. Motor Unit mounted in the Beading and Fluting Attachment. The attachment consists of the Base or Motor Holder which is threaded to permit vertical adjustment of the motor. A spindle beading cutter is mounted on a 1/4" arbor which is held in the chuck of the motor.

The depth of cut is regulated by an adjustable collar on the guide. The guide screws on to the endshield of the motor and does not revolve thereby eliminating any possibility of burning or marring the work.

Beading and Fluting Cutters are shown on page 20.

Standard Equipment

R7 – 1/7 H.P. Motor (specify voltage)
"G" Beading and Fluting Guide
R7 Beading and Fluting Base
G3 Arbor and Nut
2 — spacer collars 1/4" and 3/8"

Net Weight 5 lbs. Shipping Weight 7½ lbs.

Carter Index Head for Beading and Fluting.

The Carter Index Head complete with wood base, as shown, may be used with either the Beading and Fluting Attachment described above or on Shaper Tables. It takes work up to 30" in length and 6" in diameter. For larger work the head and tail stocks may be mounted on a longer base. This Index Head is furnished with 3 dividing plates, making it possible to get equal spacings of 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 20, 24, 28, 40 and 48 in one complete revolution of the spindle.

Carter Index or Dividing Head

Standard Equipment

AH-4 Index Head Shipping Weight 49 lbs.

Carter Type R7 — 1/7 H.P. Router

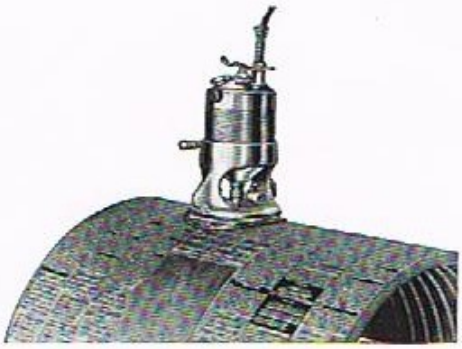
Attachments and Their Uses

Stereotype Routing with Carter Type R7 — 1/7 H.P. Router

The illustration shows the application of the regular Carter R7–1/7 H.P. Router to routing type and high spots from cylinders by attaching the Adjustable Celluloid Shoe to the Plain Router Base. This Adjustable Celluloid Shoe permits either flat or cylindrical routing as it can be quickly altered from flat to conform to any cylinder with 5″ or more radius. Metal cutting bits are described on page 19.

Standard Equipment

R7 – 1/7 H.P. Motor (specify voltage) — R7 Plain Router Base
Adjustable Celluloid Shoe
Net Weight 4 lbs. — Shipping Weight 6 lbs.



Plain Router Base and Celluloid Base used with Type R7–1/7 H.P. Motor Unit

Cast Aluminum Shoe Used with Carter Type R7 — 1/7 H.P. Router

This attachment is easily and quickly screwed to the Carter R7 Plain Router Base. The Aluminum Shoe can be supplied to fit casts with either 15″, 7″ or 6″ radii, also special sizes to order.

Standard Equipment

R7 Cast Aluminum Shoe (specify cylinder diameter)
Shipping Weight 1 lb.

Adjustable Celluloid Shoe attached to Plain Router Base

Cast Aluminum Shoe for R7 Plain Base

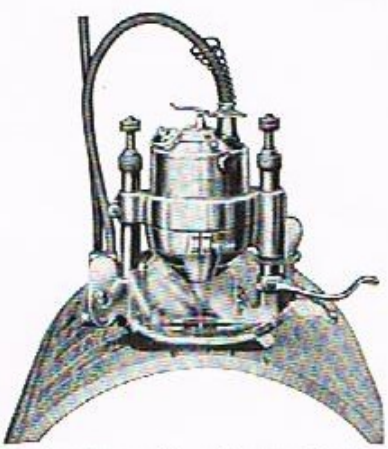
Electrotype and Stereotype Routing with Carter Type R7 — 1/7 H.P. Router

The illustration shows the Carter Printer's Ratchet Router Base used with R7–1/7 H.P. Motor Unit to make a high speed semi-automatic machine for stereotype routing and light mortising. Depth of cut is regulated by a convenient lever working on a ratchet. To remove the bit from the work a slight pressure on a trip releases a spring which raises the motor and bit to predetermined height. This mechanism operates without stopping the motor. A small light, and reflector throws a beam directly on the work. A celluloid shield prevents chips from flying and protects the operator.

The Adjustable Celluloid Shoe described above may also be used with this equipment.

Standard Equipment

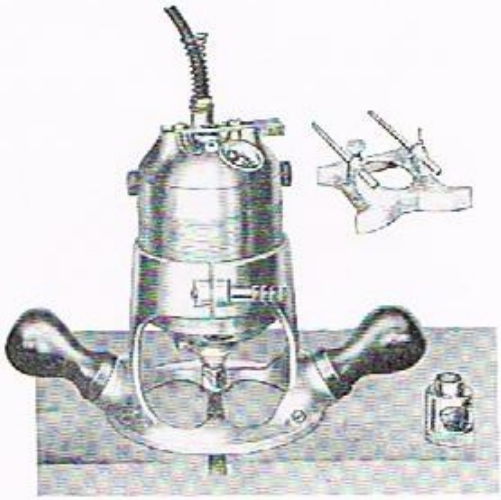
R7 – 1/7 H.P. Motor for Ratchet Router (specify voltage) — R7 Ratchet Router Base
Adjustable Celluloid Shoe
Net Weight 6¾ lbs. — Shipping Weight 13 lbs.



Ratchet Router Base (Patented) shown with Motor and Adjustable Celluloid Shoe

Carter Type R4 — 3/8 H.P. Router

Description and Specifications



Type R4 Router — 3/8 H.P. (Patented) Templet Guide "B" Above — Straight and Circular Guide

Decoration for entrance doors at the Tau Kappa Epsilon Fraternity House at Corvallis, Oregon carved with Type R4 Router

Raised Letter Sign made with Carter Type R4 – 3/8 H.P. Router

The illustration shows the Carter Type R4 – 3/8 H.P. Motor Unit with the Plain Router Base and Straight and Circular Gauge making a sturdy, portable Router. This equipment with the addition of a templet guide will take care of many more applications than the R7 – 1/7 H.P. Router, due to the greater horsepower of the motor. Considering also the many attachments, bits and accessories which can be used with this motor unit its scope is increased, making it practically indispensable in any concern.

It has all the features found on other Carter Motor Units such as accurate depth adjustment, high speed necessary for fast, clean cutting, direct drive, etc.

MOTOR SPECIFICATIONS

Type — Universal type operating on either AC or DC current, 60 cycles or less, 3/8 H.P.

Size — Diameter, 3 5/16"; Length overall, 6 3/16"; Weight 4 3/4 lbs.

Voltage — 110 or 220 as specified.

Speed — (no load) 18,000 R.P.M. on 60 cycles.

Air Cooled — Patented forced air cooling system keeps motor cool under continuous operation.

Bearings — Special over size ball bearings mounted on each end of armature.

Housing — Strong aluminum alloy, highly polished to prevent adherence of grease or dirt.

Switch — Tumbler type, enclosed in motor endshield.

Chuck — Collet Type, pressed on armature shaft, 1/4" capacity.

Depth Adjustment — Motor Unit casing is threaded sixteen threads to the inch to fit threads on Router Base and other attachments. Turning the motor to the right or left, one turn, raises or lowers it in the base 1/16" of an inch.

Cable — 8', rubber covered.

Standard Equipment

R4 – 3/8 H.P. Motor Unit (specify voltage) R4 Router Base
R4 – Straight and Circular Gauge "B" Templet Guide
Net Weight 7 lbs. Shipping Weight 13 lbs.

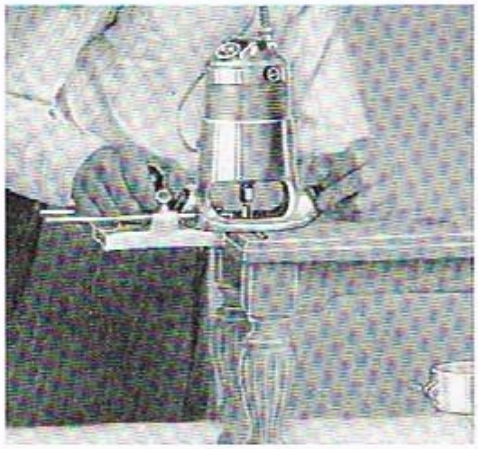
Carter Type R4 — 3/8 H.P. Router
Attachments and Their Uses

Routing for Inlay with Carter Type R4 — 3/8 H.P. Router

Inlaying is quickly and accurately done with the Carter Type R4 — 3/8 H.P. Router. The Straight and Circular Gauge is used when the inlay is to be parallel to the edge of the work. A straight router bit slightly greater in diameter than the width of the inlay is used. After setting the motor unit to the correct depth for the groove, and adjusting the straight gauge for the correct distance from the edge, the groove for the inlay is easily and quickly completed. For circular or block inlay a templet is used in connection with the templet guide on the Router.

Standard Equipment

R4 Motor (specify voltage)
R4 Straight and Circular Guage
R4 Router Base
Templet Guage "B"
Net Weight 7 lbs. Shipping Weight 13 lbs.



Type R4 — 3/8 H.P. Router, Plain Base, Straight and Circular Guide

Blind and Open Dovetailing with Carter Type R4 — 3/8 H.P. Router

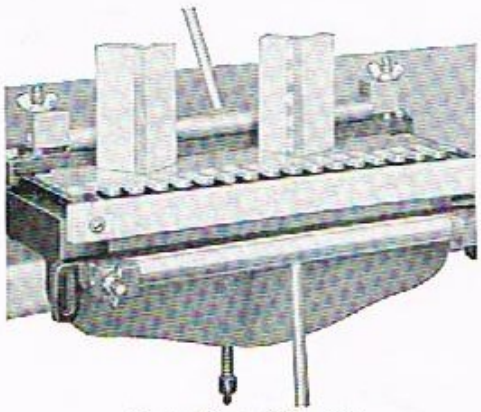
The construction of the Carter Dovetail Templet provides for two sizes of dovetail cuts — 3/16" and 3/8". To change the templet from one size to the other requires changing only the finger guide, templet guide, bit, and pin stops, all of which can be done quickly and easily. Adjustments provided on both the templet and R4 motor unit permit a perfect joint.

The portability of the templet makes it a most convenient accessory to Carter Routers and a valuable tool in furniture factories and cabinet shops.

The small dovetail is recommended for stock from 3/16" to 5/8" thick, and the large one for stock over 5/8" thick.

Standard Equipment

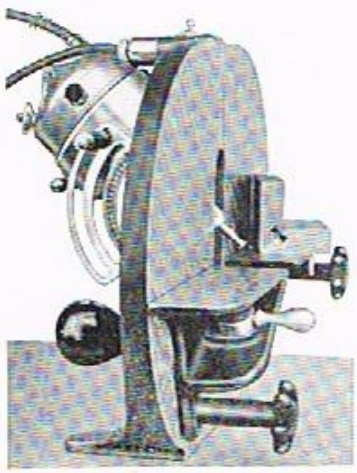
R4 — 3/8 H.P. Motor (specify voltage)
R4 Dovetail Templet
"R" Templet Guide
No. 1018 Dovetail Bit
R4 Router Base
R4 Micarta Base
Dovetail Steel Stop
1B Grinding Wheel
G1 Arbor and nut (for holding wheel in chuck)



Carter Dovetail Templet

The following items are used to cut small dovetails:

R4 Small Dovetail Finger Templet
No. 1012 Dovetail Bit
R4 Small Dovetail Templet Guide
R4 Small Dovetail Pins
Shipping Weight 65 lbs.



Type R4 Motor Unit in the Combination Bench and Portable Shaper Table (Patented)

Special Applications with Carter Type R4 — 3/8 H.P. Motor Unit

Many special operations may be easily performed with Carter Routers by combination of motors, attachments and accessories.

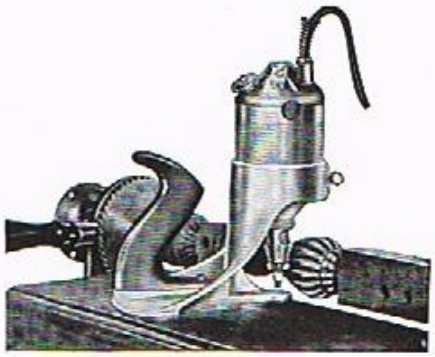
Illustration shows the Carter Type R4–3/8 H.P. Motor Unit mounted in a Carter S4 Shaper Table for cutting dovetail grooves in mitred corners in end grain, for patented lock corner joint. No. 1012 Dovetail Bit is used in the motor which is tilted to the correct angle by means of the exclusive Carter Tilting Feature. The motor holder may be removed from the table as a Tilting Router Base.

Standard Equipment

R4 – 3/8 H.P. Motor (specify voltage)
S4 Table Jointer Gauge
S4 Shaper Table
S4 Table Circular Gauge
Net Weight 29 lbs. (without motor) Shipping Weight 42 lbs.

Carter Type R4 — 3/8 H.P. Router

Attachments and Their Uses



Beading a Spindle with Type R4 – 3/8 H.P. Motor Unit and R4 Beading and Fluting Base (Patented)

Spindle Beading and Fluting with Carter Type R4 — 3/8 H.P. Motor Unit

This combination will produce the same type of work as the R7-1/7 H.P. Motor Unit shown on Page 6 but because of the greater power of the R4 Motor Unit heavier cuts are possible. Larger cutters, guide and arbor are used with this unit to give greater capacity.

The Index Head shown on Page 6 is also used with the R4 Beading and Fluting Attachment.

On page 20 are shown spindle beading cutters and convex cutters which are held on Spindle "GG" for this application. The adjustment on both the Motor Unit and Index Head is readily made to take care of practically all beading on spindles up to 6" in diameter.

Standard Equipment

R4 – 3/8 H.P. Motor (specify voltage)
R4 Beading and Fluting Base
G6 Spindle
"GG" Beading and Fluting Guide
Net Weight 6½ lbs. Shipping Weight 8½ lbs.

Sharpening a Router Bit with GF1 Grinding Fixture and Type R4 – 3/8 H.P. Router

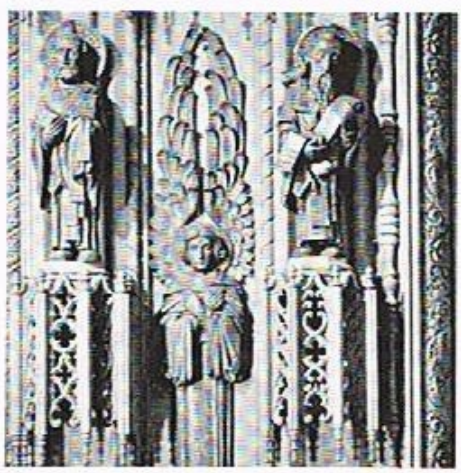
Sharpening Bits and Cutters with Carter Type R4 — 3/8 H.P. Router

Another one of the many uses for Carter Routers is sharpening router bits and shaper cutters. The Carter GF1 Grinding Fixture is constructed to rest on the base of any one of the different size Plain Router Bases or on the tables of Stationary Shapers. The grinding wheel is first fastened in the chuck of the motor unit. The bit is fastened in the holder and the holder is adjusted for depth so that the grinding wheel will just touch the flute of the bit. One or two contacts with the grinding wheel and the bit is sharpened.

The holder and adapters will take 1/4", 3/8", 5/8", and 1/2" shank bits. Arbors are furnished for holding cutters with 1/4" and 5/16" holes.

Standard Equipment

GF1 Grinding Fixture and Adapter
3/8" Adapter
G-8 Arbor for 5/16" hole cutter
5/16" Adapter
G-10 Arbor for 1/4" hole cutter
"Z" Grinding Wheel
Net Weight 1¼ lbs. Shipping Weight 2 lbs.



Section of a Hand Carved Reredos Courtesy Liturgical Arts Guild, Cleveland

Carving with Carter Type R4 — 3/8 H.P. Router

Quite recently a new field has opened for the high speed portable electric router, namely the preparation of the wood for the final shaping or carving with chisels, gouges etc.

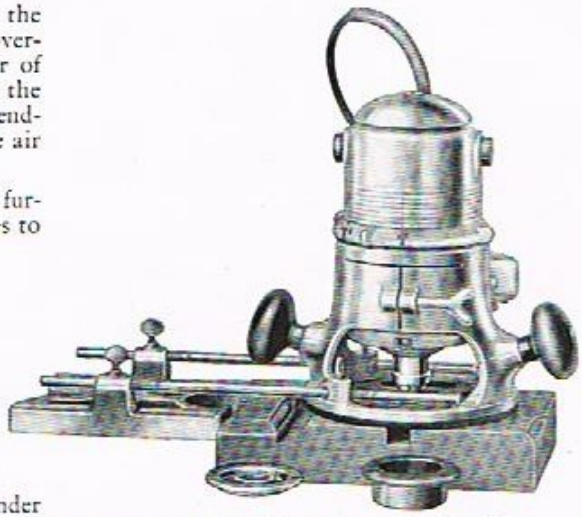
The illustration shows a small section of a beautiful reredos carved with the aid of Carter R4 – 3/8 H.P. and Carter R5 – 1 H.P. Routers and various Carter Bits. The use of these Routers saved the skilled hand carvers many laborious hours and the high speed at which the bit turns gave them a finer finish than would otherwise be possible.

Carter Type R5A — 1 H.P. Router

Description and Specifications

This Carter Router is the most popular Portable Router on the market. Surplus power, high speed, large heat treated shaft, oversize oil sealed bearings, comparative light weight, low center of gravity and positive, accurate depth adjustment are a few of the features embodied in its construction. A specially designed endshield prevents particles of dirt entering the motor through the air cooling system.

Templet guides of various lengths and diameters can be furnished which, with the straight and circular gauge shown, gives to this Router a range of use unequalled by any other.



Type R5A – 1 H.P. Motor Unit with Plain Base, Templet Guides and Gauge

MOTOR SPECIFICATIONS

Type — Universal type operates on either AC or DC current, 60 cycles or less 1 H.P.

Size — Diameter 3⅝"; Length Overall 8½"; Weight 9½ lbs.

Voltage — 110 or 220 volts as specified.

Speed — (No load) 17,000 R.P.M.

Air Cooled — Patented air cooling system keeps motor cool under continuous use. Special endshield deflects dirt particles from current of air entering motor for cooling.

Bearings — Large oil sealed bearings designed for hard use. Requires only an occasional oiling.

Housing — Strong aluminum alloy, highly polished to prevent adherence of grease or dirt.

Switch — Enclosed double pole, high capacity switch conveniently located in the base permitting removal of motor for use in other attachments.

Chuck — Screw type ¾" x 16 thd. Balanced and ground. Takes adapters for ¼", 5/16", ⅜" and ½" straight shank bits and ½" x 12 thread screw shank.

Depth Adjustment — Motor casing is threaded and carries a graduated metal ring. One complete turn of ring raises or lowers the motor ⅛" in the base.

Cable — 8', 3 wire, rubber covered.

Standard Equipment

R5A Motor (specify voltage)
R5A Straight and Circular Gauge
R5A Plain Base with Micarta Sub Base
N5A Templet Guide 5/8" diameter
*D-3 Adapter for ¼" shank bits
XI Aluminum Adapter
"L" Templet Guide 2" diameter
No. 605 and 607 wrenches

Net Weight 14½ lbs. Shipping Weight 20 lbs.

*Other Adapters D3A for 5/16", D4 for ⅜", D5 for ½", Shank Bit can be substituted for D3 if desired.

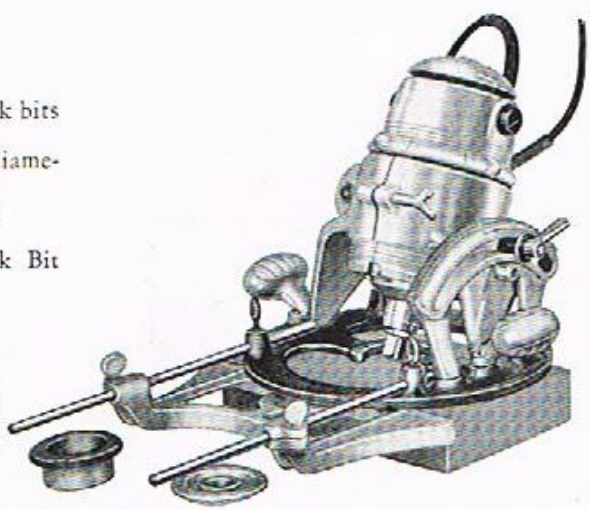
Tilting Base for Type R5A — 1 H.P. Motor Unit

With this Base the Type R5A Motor Unit may be used for all kinds of light surface routing and for accurate angle cutting up to 45 degrees either side of vertical. The broad base assures easy control.

Standard Equipment

R5A Tilting Base with Straight Gauge

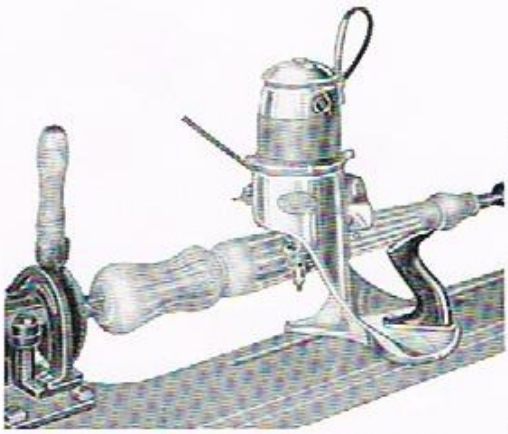
Net Weight 19 lbs. Shipping Weight 27 lbs.



Type R5A – 1 H.P. Motor Unit with Tilting Base, Templet Guides and Gauge

Carter Type R5A — 1 H.P. Router

Attachments and Their Uses



Type R5A Motor Unit in Beading and Fluting Base (Patented)

Spindle Beading and Fluting with Carter Type R5A — 1 H.P. Motor Unit

This illustration shows one of the many uses to which this 1 H.P. Motor Unit may be put. The Motor Unit is inserted into the R5A Beading and Fluting Base, an Arbor for holding the cutter is fastened in the chuck and a guide is used to regulate depth of cut.

The surplus power and very high speed developed in this motor makes sanding unnecessary and faster cutting may be accomplished.

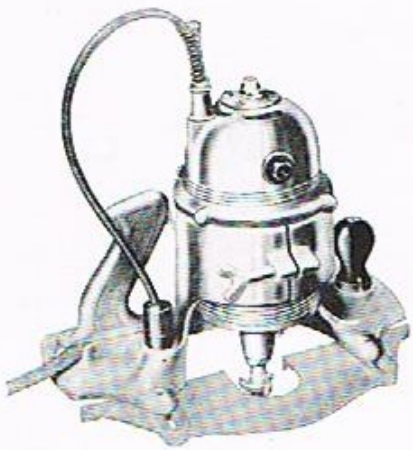
This unit may also be used with the Carter Index Head shown on Page 6.

Beading and Fluting Cutters are shown on page 20.

Standard Equipment

R5A – 1 H.P. Motor Unit (specify voltage)
GGG Beading and Fluting Guide
D5 Adapter
R5A Beading and Fluting Base
G8 Arbor and Nut
2 Spacer Collars 1/4" and 3/8"

Net Weight 14 3/4 lbs. Shipping Weight 23 lbs.



Type R5A Motor Unit in the Floor Grooving Base

Parquet Floor Grooving with Carter Type R5A — 1 H.P. Motor Unit

Showing again the versatile nature of Carter Routers this illustration shows the application of type R5A Motor Unit to grooving parquet flooring.

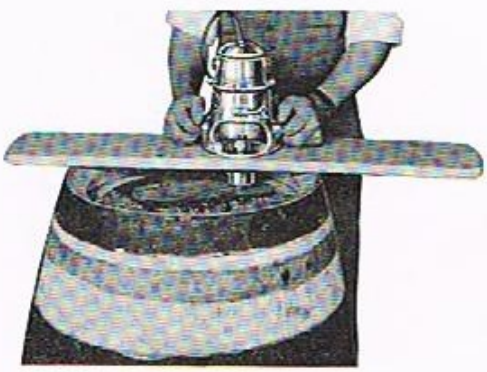
The R5A Motor Unit is used with Floor Grooving Base constructed of special aluminum alloy, Spindle S5-30 and a special high speed steel cutter.

One pass of the machine across the ends of the flooring after they are laid, grooves them easily to take the tongue. The high speed and power of the motor gives a clean true groove.

Standard Equipment

R5A – 1 H.P. Motor Unit (specify voltage)
S5-30 Special Spindle
R5A Floor Grooving Base
Special H.S.S. Floor Grooving Cutter

Net Weight 12 3/4 lbs. Shipping Weight 23 lbs.



Resurfacing Barrel Head with Carter R5A Router

Surfacing Operations with Carter R5A — 1 H.P. Router

The Carter R5A 1 H.P. Router can easily do many surfacing operations which would otherwise be a long and unsatisfactory job. Illustration shows the application of the R5A to resurfacing barrel heads. A special surfacing bit is used with an extension shank to reach the required depth. The Extension Sub-Base rides on top of the barrel and assures a smoothly routed surface on the barrel head.

Standard Equipment

R5A – 1 H.P. Motor Unit (specify voltage)
R5A Extension Sub-Base
R5A Plain Base
Special R5A Surface Bit

Net Weight 18 lbs. Shipping Weight 24 lbs.

Carter Stationary Machines
That Use the Type R5A 1 H.P. Motor Unit

RS5 Combination Router and Shaper with Carter Type R5A — 1 H.P. Motor Unit

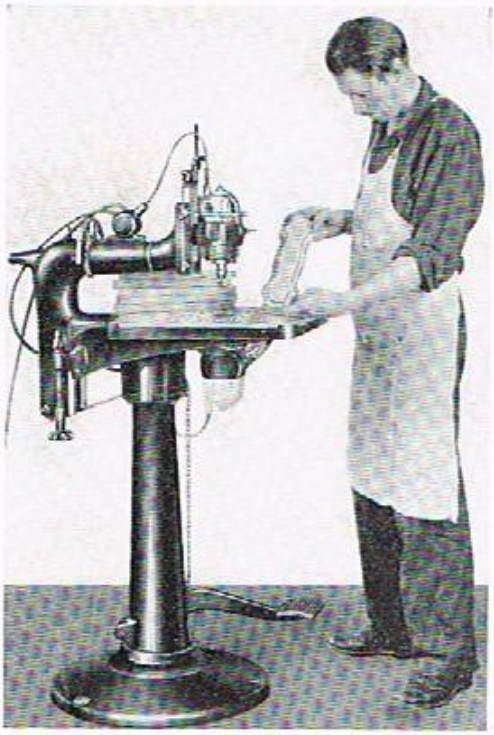
The same Motor Unit that is used with the Type R5A Portable Router shown on page 11 is used with this combination machine. The Motor Unit is quickly fastened in the Router over-arm for various routing operations. By screwing a spindle into the chuck to hold the shaper cutters and fastening the motor into the holder under the table the machine is converted into a Shaper. The Shaper motor holder may be tilted to any angle up to 45 degrees either way. The Router head can be rotated 90 degrees in either direction. The machine is fully adjustable and provides two machines for the price of one.

Specifications

Table — 18" square, scraped and flaked.
Throat — 15¼" from center of motor to yoke.
Vertical Adjustment of Motor — 2¾"
Vertical Adjustment of Arm — 3⅜".
Three adjustable depth stops
Motor specifications same as R5A motor on page 11.

Standard Equipment

R5A – 1 H.P. Motor Unit — RS5 Table, Pedestal and Switch
S2-720 Spindle 5/16" diameter
Net Weight 175 lbs. — Shipping Weight 230 lbs.



Showing RS5 as Table Router and the same motor in phantom to show Shaper application

Accessories for RS5 Combination Machine

A full line of accessories can be furnished for this RS5 Combination machine. These include Templet Pins and Rollers from 3/32" to 1" in diameter as listed on page 23, Adjustable Straight and Jointer Gauge, Adjustable Circular Guide for circular shaping, Spring Tension Shoe for holding small work up to the cutter with safety, Templet Chuck for holding Pins and Rollers on templet work.

Standard Equipment

RS5 Jointer Gauge — RS5 Circular Gauge
RS5 Spring Tension Shoe — Templet Pin Chuck

Straight and Jointer Gauge

Circular Guide

Spring Tension Shoe

Templet Pin Chuck

HA5 Hinge Arm Router with Carter Type R5A — 1 H.P. Motor Unit

This equipment provides a low priced bench router for inlaying, light panel sinking, veining, etc.

The motor unit may be swiveled and locked at any desired angle. The motor arm is pivoted from the rear bracket and adjustable stops provide for any desired working position.

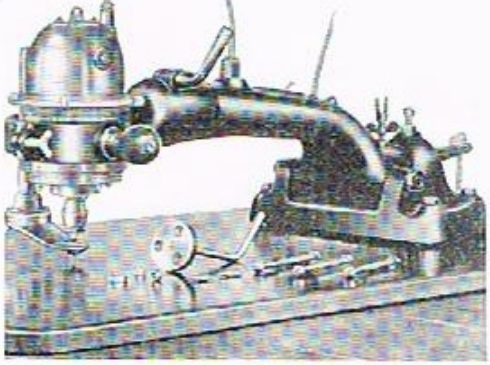
A Templet Arm and Guide, extra equipment, is adjustable for depth of cut so that it rides the work when cuts of a definite depth are to be parallel with the top surface.

A Templet Pin Chuck can be supplied for use with any size of templet pins or rollers.

Hinge Arm is furnished with two pulleys and rope for foot operation, if desired.

Standard Equipment

HA5 Hinge Arm — R5A – 1 H.P. Motor Unit
Templet Arm and Guide — Templet Pin Chuck
Shipping Weight 90 lbs.



HA5 Hinge Arm Router for Bench Mounting

Carter R2 — 3 H.P. Portable Router

Description and Specifications

Type R2 – 3 H.P. Motor Unit with Plain Base, Templet Guides, Gauge, Bit Adapter and Wrenches

This Carter Router takes care of various kinds of heavy routing which can be done easier and more economically with a portable machine. With the various attachments and accessories it may be used for stair stringer routing, surfacing meat blocks, suction boxes in paper mills, chamfering heavy timber, boat building, etc. It has the same positive depth adjustment as the smaller Carter motor units. It hardly seems possible that 3 H.P. and 15,800 R.P.M. can be put into a thirty-five pound machine but that is all this compact motor unit weighs.

MOTOR SPECIFICATIONS

Type — Universal type operates on either AC or DC current 60 cycles or less, 3 H.P.

Voltage — 110 or 220 volts as specified.

Speed — (No load) 15,800 R.P.M. on 60 cycles.

Size of Motor — Diameter 5⅜", Length Overall 13", Weight 35 lbs.

Air Cooled — Patented air cooling system keeps motor cool under continuous use. Exhaust air is deflected toward chuck of motor tending to remove chips from bit.

Bearings — Large oversize oil sealed ball bearing designed for hard use.

Housing — Cast iron, threaded eight threads to the inch for depth adjustment.

Switch — Enclosed, double pole heavy duty switch conveniently located on base permits removal of motor for other attachments.

Chuck — Heavy duty, screw type ¾" x 16 thread, ground and balanced. Adapters furnished for ¼" 5/16", ⅜" and ½" shank bits.

Depth Adjustment — Motor casing is threaded and carries a graduated metal ring. One complete turn of the ring raises or lowers the motor ⅛" in the base.

Cable — 15', 3 wire, heavy rubber covered.

Standard Equipment

R2 Motor Unit with Bit Adapter (specify voltage)
R2 Base with Switch and 15 ft. of cable
R2 Straight Gauge
P, S or T Templet Guide

Net Weight 33 lbs. Shipping Weight 50 lbs.

Rabbeting Boat Keels with Type R2 Router

Rabbeting Boat Keels with Carter Type R2 — 3 H.P. Router

This operation is more accurately and quickly done with the R2 Router than by any other means. A Templet provides for the changing angle the length of the keel. The Router merely rides in tracks in the Templet and in one pass the rabbet is completed.

Carter Type R2 — 3 H.P. Router

Attachments and Their Uses

Routing Stair Stringers with Carter Type R2 — 3 H.P. Router

This heavy duty Router plus the addition of a Carter Adjustable Stair Templet with Router Underarm, Overhead Hanger and Stair Router Bit is the equipment to use for routing stair stringers. Special Literature Folder "E" is available covering this application — send for it.

The Carter Adjustable Stair Templet is the only self-registering "underneath" templet that is fully adjustable and immediately reversible. It eliminates chip trouble, making it possible to run the Bit right into the nosing cut without backing away to clean out the chips. The Router rides on the unobstructed, smooth surface of the stringer and is guided by the roller in the inverted trackway underneath the stringer. The adjustment for distance of nose from edge of stringer is 1" to 7". It is adjustable for any riser or tread, any width of stringer and any thickness up to 2".

The Overhead Hanger consists of a lever and pulley which is rigged up with weights to counterbalance the Router. When the Router is pulled down all of its weight rests on the work. When lifted, it rises easily, and hangs suspended 17" above the work ready for the next cut.

Standard Equipment

R2 – 3 H.P. Motor Unit with Adapter
Stair Templet with Router Underarm
R2 Base with Switch and Cable
Overhead Hanger
No. 1626 Stair Router Bit

Shipping Weight 125 lbs.

Router rides on stringer; arm is guided under the work, leaving unobstructed surface on stringer and eliminating interference from chips

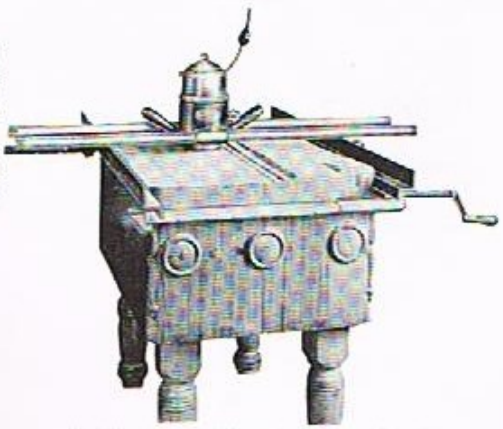
Surfacing Meat Blocks and Clicker Boxes with Carter Type R2 — 3 H.P. Router

Again this heavy duty Router comes into use saving considerable labor and expense in surfacing new and old meat blocks. A special base is provided, supported by two rods or pipes which ride on angle irons clamped to the block. Depth of cut is controlled by the Carter depth adjustment. A special 3" cutter makes a clean, smooth surface in one pass. Clamps and rods are not furnished, but may be secured from any mill supply house.

Standard Equipment

R2 – 3 H.P. Motor Unit (specify voltage)
R2 Surfacing Cutter Head 3" diameter with inserted cutters
R2 Surfacing Base and Switch
Extra Insert Cutters

Net Weight 43 lbs. Shipping Weight 65 lbs.



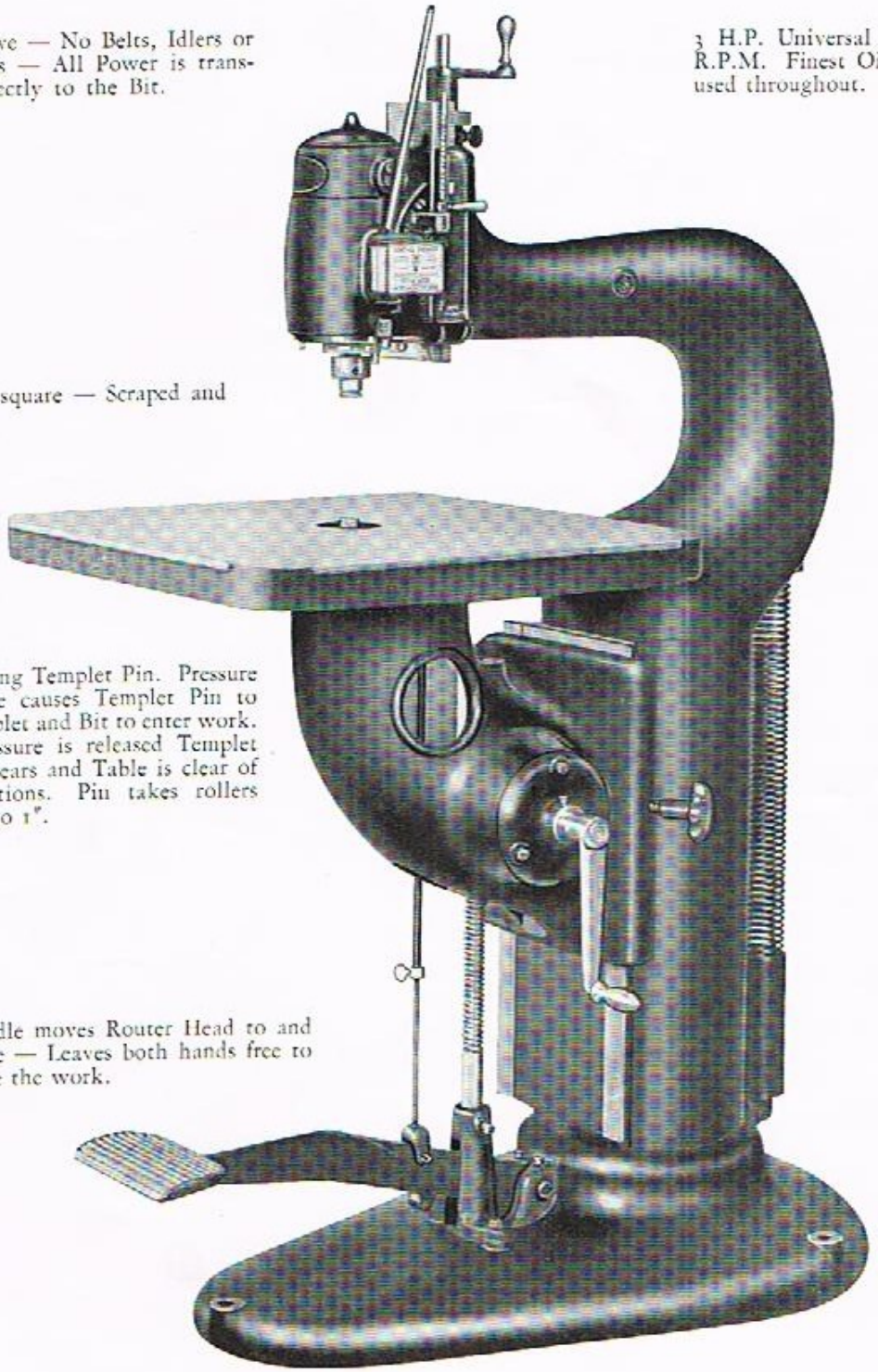
R2 Router and Meat Block Attachment

Carter Type R2A — 3H.P. Table Router

Heavy Duty — 3 H.P. — 15,800 R.P.M.

Direct Drive — No Belts, Idlers or Jack Shafts — All Power is transmitted directly to the Bit.

3 H.P. Universal Motor — 15,800 R.P.M. Finest Oil Sealed Bearings used throughout.



Automatic Sentinel Switch, conveniently located.

Table 24" square — Scraped and Flaked.

Disappearing Templet Pin. Pressure on Treadle causes Templet Pin to enter Templet and Bit to enter work. When pressure is released Templet Pin disappears and Table is clear of all projections. Pin takes rollers from 3/16" to 1".

Table Knee slides on the column on Heavy Babbitted ways.

Yoke and Column are a heavy casting.

Base is a Heavy Braced Cored Iron casting.

Foot Treadle moves Router Head to and from Table — Leaves both hands free to guide the work.

Carter Type R2A — 3 H.P. Table Router

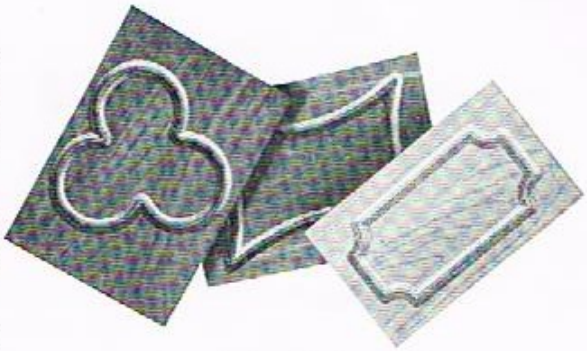
Heavy Duty — 3 H.P. — 15,800 R. P. M.

This is a heavy duty, highly productive machine for paneling, inside shaping, routing face mouldings, cutting rosettes and many, many other jobs from fine line routing to heavy panel sinking. It produces smooth clean work at an unusually high rate of speed.

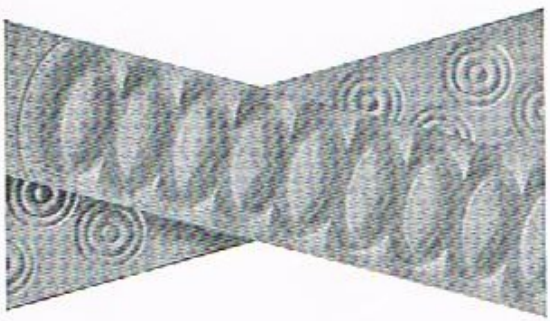
The same powerful 3 H.P. motor unit is used in this machine as in the Type R2 – 3 H.P. Portable Router except that a different motor housing is used which permits mounting in the babbitted ways of the Router Arm.

The chuck is of the screw type construction — ¾" x 16 thread made of a high grade tool steel assuring long wear. Adapters of five sizes may be used in this chuck. All have ¾" x 16 outside threads to fit chuck. Four are bored to receive ¼", 5/16", ⅜" and ½" straight shank bits. (See page 21.)

Three adjusting stop screws permit various depth adjustment of the motor. The depth adjusting screw, fastened to the motor holder, may be either locked or released by only one-quarter turn of a bronze lock lever which is attached to the screw. Both adjusting screw and stop should be used when cuts of a definite depth are desired. These adjustments are conveniently located. The treadle moves the motor head vertically with a movement of 2¾". A crank at the top of the motor head raises or lowers it 5". The table may be raised or lowered 12" by means of a feed screw crank (conveniently placed on the side of the table knee). Each turn of the table crank raises or lowers the table ⅛".



Examples of panel sinking with Type R2A Table Router



Examples of rosettes and elliptical buttons cut with Type R2A Table Router

Specifications

Table — 24" square, scraped and flaked.

Throat — Distance from chuck to yoke 25".

Vertical Adjustment of Motor — 5".

Vertical Adjustment of Table — 12".

Vertical Movement of Motor Head — 2¾".

Maximum Distance Table to Over-arm — 17".

Chuck — Screw type, balanced ¾" x 16 thread.

Adapters — Furnished for ¼", 5/16", ⅜" and ½" shank bits.

Net Weight 650 lbs. Shipping Weight 750 lbs.

Special Blade and Adapter in Chuck. Cutter and Sectional View of Adapter

Design cut with Type R2A Table Router

Carter Bits and Accessories

For all Carter Routers

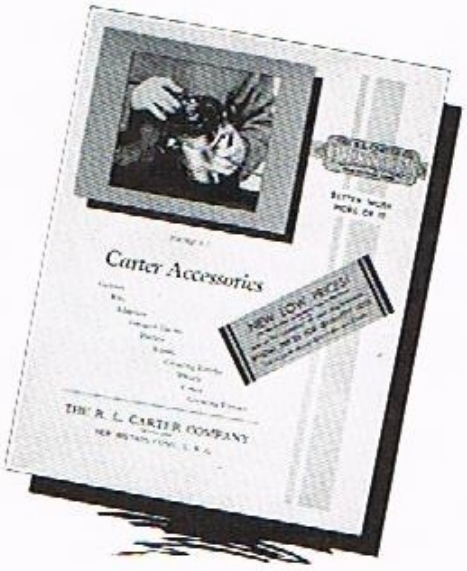
Carter bits are well known for their superior quality and workmanship. They are made from the finest high speed steel obtainable and all operations in their manufacture are held to close limits to assure uniformity in size, rake, and clearance. Great care is exercised in the heat treatment to insure toughness, uniformity and long life. The shanks on all Carter Bits are ground to size which guarantees true running.

Special Shapes Made To Order

We have complete facilities for making special shapes of bits and cutters to customers' specifications . . . from high speed steel, cobolt steel and Tungsten Carbide Tipped Steel. If you have work requiring a special design of bit or cutter, send us a sketch, blueprint or sample of the work. Our engineering and sales departments are at your service to help solve these problems.

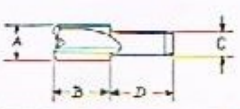
Send for Folder "K"

Carter Folder "K" is more than a catalog. It illustrates a wide variety of shaper cutters, bits, templet guides, saws, rollers, grinding wheels, etc. Send for a copy and let us quote on your requirements.



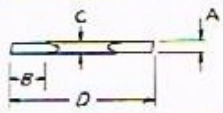
Standard Bits for Carter Machines

¼" SHANK STRAIGHT BITS



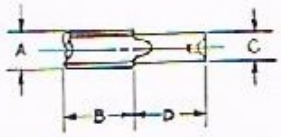
No.	A	B	C	D	Number of Flutes	Each
202	1/16	3/16	5/32	3/4	Single	
203	3/32	3/16	"	"	"	
204	1/8	3/16	"	"	"	
205	5/32	3/16	"	"	"	
206	3/16	3/16	"	"	"	
207	1/4	3/16	"	"	"	
208	1/4	5/16	"	"	Double	
210	5/16	3/4	"	"	"	
212	3/8	11/16	"	"	"	
214	7/16	11/16	"	"	"	
216	1/2	3/4	"	"	"	
218	9/16	5/8	"	"	"	
220	5/8	5/8	"	"	"	
222	11/16	5/8	"	"	"	

STRAIGHT DOUBLE END BITS



No.	A	B	C	D	Each
D202	1/16	3/16	1/16	1 1/16	
D203	3/32	3/16	1/16	1 1/16	
D204	1/8	3/16	1/16	1 1/16	
D206	3/16	3/16	1/16	2	

½" SHANK STRAIGHT BITS TWO FLUTES



No.	A	B	C	D	Each
1412	1/16	1 1/16	5/32	1 1/16	
1416	1/8	"	"	"	
1418	3/16	"	"	"	
1420	5/16	"	"	"	
1424	3/4	"	"	"	
1426	13/16	"	"	"	
1428	7/8	"	"	"	
1432	1	"	"	"	

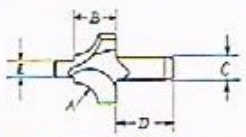
SHEAR CUT BITS
Right Hand Spiral

No.	A	Standard B	Standard C	Standard D	Short C	Short D	Each
RS204	5/8	3/4	11/16	1 7/8	5/8	1 5/16	
RS206	5/8	3/4	1 1/16	2 1/4	5/8	1 1/16	
RS208	3/4	3/4	1 1/2	2 1/2	5/8	1 1/4	
RS212	3/4	3/4	2	3 1/4	11/16	1 15/16	

Left Hand Spiral

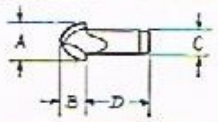
No.	A	Standard B	Standard C	Standard D	Short C	Short D	Each
LS204	5/8	3/4	11/16	1 5/8	5/8	1 5/16	
LS206	5/8	3/4	1 1/16	2 5/8	5/8	1 5/16	
LS208	3/4	3/4	1 1/2	2 1/2	5/8	1 1/4	
LS212	3/4	3/4	2	3 1/4	11/16	1 15/16	

BEADING BITS — TWO FLUTES



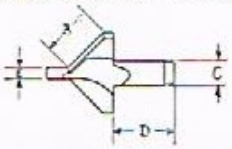
No.	A	B	C	D	E	Each
602	1/16	1/16	1/4	3/4	1/16	
604	3/16	3/16	"	"	"	
608	1/4	5/16	"	"	1/16	
612	3/8	5/16	"	"	"	

CORE BOX BITS — TWO FLUTES



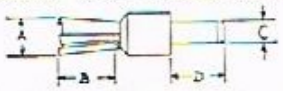
No.	A	B	C	D	Each
408	1/4	1/4	3/4	3/4	
410	5/16	"	"	"	
412	3/8	"	"	"	
414	7/16	"	"	"	
416	1/2	1/16	"	"	
418	9/16	3/16	"	"	
420	5/8	"	"	"	
422	11/16	5/16	"	"	
424	3/4	"	"	"	

CHAMFERING BITS — TWO FLUTES



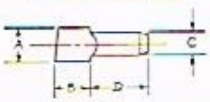
No.	B	C	D	E	Each
916	1/16	1/4	3/4	1/8	
924	3/4	"	"	1/2	
932	1	"	"	1/2	

NOSING BITS — THREE FLUTES



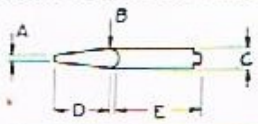
No.	A	B	C	D	Each
1314	1/16	1/4	3/4	3/4	

METAL CUTTING STRAIGHT BITS SINGLE FLUTES



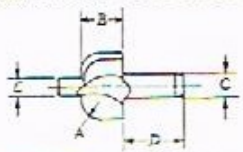
No.	A	B	C	D	Each
D1102	1/16	3/8	1/4	Double End	
1104	3/16	1/2	3/4	3/4	
1106	1/16	"	"	"	
1108	1/4	"	"	"	
1110	5/16	5/8	"	"	
1112	3/8	3/4	"	"	
1108S	1/4	1/8	"	1 1/4	

METAL CUTTING TAPER BITS



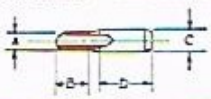
No.	A	B	C	D	E	Each
T1102	1/16	3/4	3/4	1/16	1	
T1104	1/16	1/2	3/4	1/16	1	

COVE BITS — TWO FLUTES



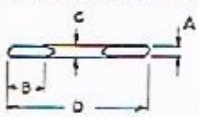
No.	A	B	C	D	E	Each
706	1/16	3/16	3/4	3/4	1/16	
708	1/4	"	"	"	"	
712	3/8	3/4	"	"	"	
716	1/2	"	3/4	1	"	

VEINING BITS — SINGLE FLUTE



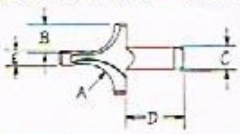
No.	A	B	C	D	Each
302	1/16	3/16	3/4	3/4	
303	3/32	3/16	"	"	
304	1/8	3/16	"	"	
306	3/16	"	"	"	
307	7/32	"	"	"	

VEINING DOUBLE END BITS



No.	A	B	C	D	Each
D302	1/16	3/16	3/16	1 1/4	
D303	3/16	3/16	3/16	"	
D304	1/8	3/16	3/8	1 1/4	

ROUNDING OVER BITS — TWO FLUTES



No.	A	B	C	D	E	Each
506	3/16	3/16	3/4	3/4	1/16	
508	1/4	1/4	"	"	"	
510	5/16	3/16	"	"	1/16	
512	3/8	3/8	"	"	"	
516	1/2	1/2	"	"	"	

SCREW BITS — TWO FLUTES

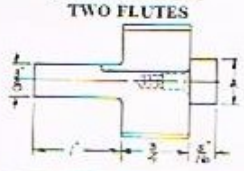
No.	A	B	Thread	Each
812	3/4	3/8	12 x 32 Thd.	
814	7/16	"	"	
816	1/2	5/16	"	
824	1/4	3/8	"	
826	13/16	3/8	"	
828	7/8	3/8	"	
832	1	3/8	"	

We have facilities for grinding and lapping Tungsten Carbide Tipped Tools.
Prices for Tungsten Carbide Tipped Bits and Cutters furnished on request.

ORDER BY NUMBER ONLY KEEP BITS SHARP SPECIAL BITS MADE TO ORDER

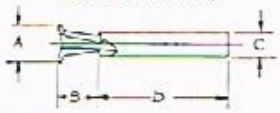
Standard Bits for Carter Machines

RABBETING BIT TWO FLUTES



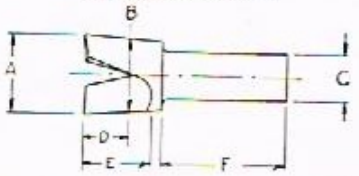
No.	Description	Each
1700	Bit and 4 Pilots, 3/4, 1, 1 1/4, 1 1/2	
	3/4 Pilot cuts 1/8 Rabbet	
	1/8 " " 1/16 "	
	1/16 " " 3/16 "	
	3/4 " " 1/4 "	

DOVETAIL BITS



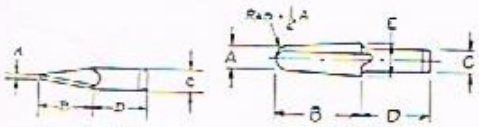
No.	A	B	C	D	Each
1012	3/8	1/4	1/2	1 1/4	
1018	9/16	5/16	1/2	1 3/4	

STAIR ROUTER BITS



No.	A	B	C	D	E	F	Each
1626	1/4	11/16	3/4	3/4	5/8	1 1/16	

TAPER BITS

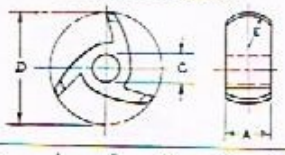


No. 1202 No. 1208

No.	A	B	C	D	E	Each
1202	1/16	3/16	1/2	1/2	1/4	
1208	3/4	1 1/16			3/4	

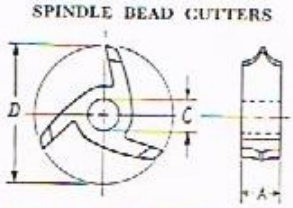
Beading and Fluting Cutters

CONVEX CUTTERS



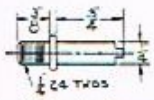
No.	A	C	D	E	Each
3304	3/16	1/2	3/4	3/8	
3306	1/4	"	1 1/16	5/16	
3308	11/32	"	1 7/16	3/8	
3312	17/32	"	1 11/16	3/8	
4304	3/16	1/16	1 1/16	3/4	
4306	1/4	"	1 3/16	5/16	
4308	11/32	"	1 5/16	3/8	
4310	7/16	"	1 5/16	5/16	
4312	17/32	"	1 11/16	3/8	
4314	9/16	"	1 5/8	7/16	
4316	11/16	"	1 15/16	1/2	
4318	3/4	"	1 15/16	9/16	

SPINDLE BEAD CUTTERS

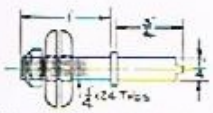


No.	A	C	D	Each
3308	5/16	3/16	3/4	
3512	3/8	"	1	
3514	7/16	"	1 1/16	
4508	1/4	1/8	1 1/16	
4512	3/8	"	1 5/16	
4514	7/16	"	1 3/8	

Carter Arbors and Spindles

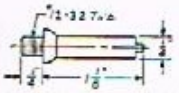


No. G-1. Holds 1" diameter grinding wheels in Routers and Aerial Grinders.

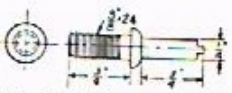


No. G-2. Holds 1 1/2" and 2" diameter grinding wheels in Routers and Aerial Grinders.

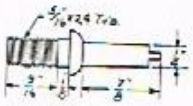
No. G-3. Used with R7 Beading and Fluting Attachment to hold S7 Beading and Fluting Cutters.



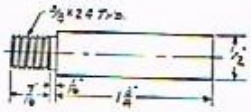
No. G-4. Holds screw bits in Chuck Type Router.



No. G-5. For holding carving cutters in Routers.



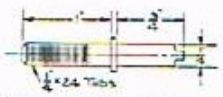
No. G-6. Used with R4 Beading and Fluting Attachment to hold S4 Beading and Fluting Cutters.



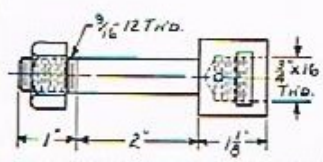
No. G-7. Holds carving cutters in R2A Table Router.

No. G-8. For using S1 Shaper cutters in R2A and R5A Routers.

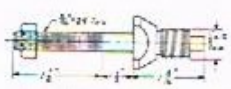
No. G-9. For holding grinding wheel 1 in Hinge Butt Router to sharpen screw bits.



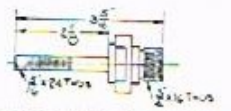
No. G-10. For holding S7 Shaper cutters and 3/4" bore grinding wheels in Routers and Aerial Grinders.



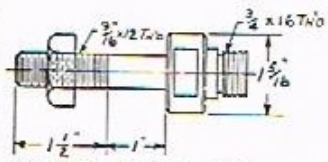
No. S2-14. Standard Spindle for S2 Shaper.



No. S5-30. For holding S4 Shaper cutters in S5 Shaper.



No. S2-730. For holding S1 Shaper cutters in R2 and R5A Router.



No. S2-711. For holding S2 Shaper cutters when used with S2 motor with chuck.

THE R.L. CARTER CO.

CARTER PRODUCTS

TRADE MARK-REGD. U.S. PAT. OFF.

NEW BRITAIN, CONN.

Carter Chuck Adapters

For adapting chucks to hold bits of different shanks.

For double end bits.

No.	A	For	Each
D	1/2	1/2 Bits	
D1	1/4	1/4 Bits	
D7	7/8	7/8 Bits	
D8	3/4	3/4 Bits	

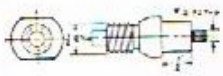
Screws into R2 and R5A chucks to take threaded bits and arbors having 5/16" x 12 threads.

No.	Each
D0	

Screws into R2 and R5A chucks.

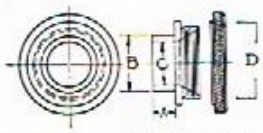
No.	B	C	For
D2*	1/4	5/16x12 THD	1/4 Shank Bits
D3	1/4	3/4x16 THD	1/4 " "
D3A	3/16	"	3/16 " "
D4	5/8	"	5/8 " "
D5	1/2	"	1/2 " "

D2* Used on R5 Only



Screws into R5 chuck. Holds screw bits for hinge butt routing.

No.	Each
D2B	

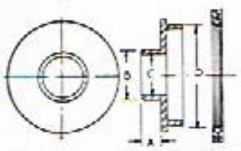


D dimension — 15/16" x 24 Threads

No.	Purpose	A	B	C	Each
M for R4	Hinge butt routing	1/4	5/8	17/64	
N for R4	Regular	3/8	1/4	17/32	
O for R4	Nosing guide	1/4	13/16	5/8	
R for R4	Dovetail guide	5/8	3/8	13/32	

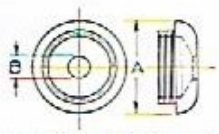
TEMPLET GUIDE TIPS

Used with Micarta Sub-bases which can be furnished for R4 and R5 Routers. They provide a stationary templet guide not affected by vertical adjustment of the motor.



D dimension — 15/16" x 24 Threads

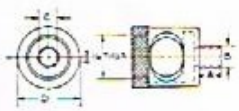
No.	Purpose	A	B	C	Each
M5A for R5A	Hinge butt routing	1/4	5/8	17/64	
N5A for R5A	Regular	3/8	5/8	17/32	
O5A for R5A	Dovetail	5/8	3/8	13/32	
E5A for R5A	Recess and Insert	1/4	1/8	1/4	



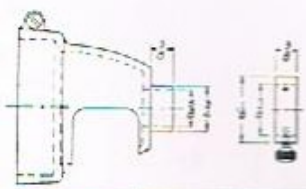
Guide Tip for HA5 and RS5 Templet Arm. Used when cut depth must be parallel to top surface

No.	A	B	Each
V for HA5 and RS5	1	1/4	
V for R5A	11/16	13/16	

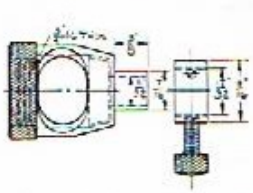
Carter Templet Guides



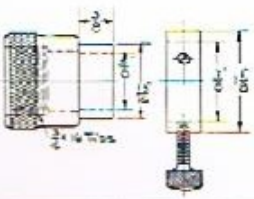
No.	Purpose	A	B	C	D	Each
A	Standard for R7	5/8	7/16	3/8	11/16	
B	Standard for R4	1/4	5/8	17/32	"	
C	Special	3/4	1/4	5/16	"	
E	Recess and Insert	1/4	1/4	1/4	"	
H	Special	5/16	5/16	1/4	"	
I	"	3/8	5/16	5/16	"	
J	"	3/8	1/4	13/32	"	



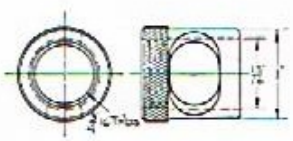
No.	Purpose	Each
GGG for R5A	Beading and Fluting With S4 Cutters	



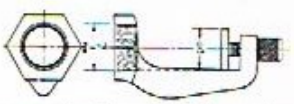
No.	Purpose	Each
G for R7 and R4	Beading and Fluting with S7 cutters	



No.	Purpose	Each
GG for R4	Beading and Fluting with S4 cutters	



No.	Purpose	Each
F for R7 and R4	Core Box	

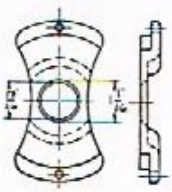


For veneer trimming and similar work requiring an underneath templet guide.

No.	Purpose	Each
K for R7 and R4	Under Guide	

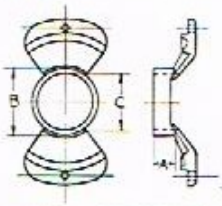
No.	Purpose	Each
D for R7 and R4	Veining	

Carter Guides and Adapters

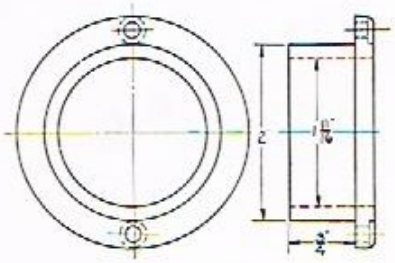


Adapter for R2 to hold M, N, O and R Templet Guides.

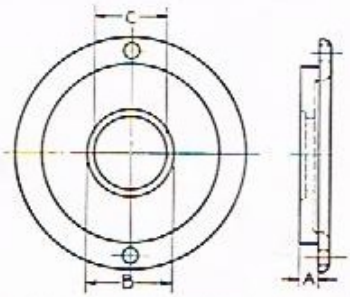
No.	Each
X3 Aluminum Adapter	



No.	Purpose	A	B	C	Each
P	For R2	7/16	1 5/16	1 11/16	
S	For R2	5/8	1 3/8	1 3/4	
T	For R2 (Standard)	1/8	1 1/4	1 3/8	



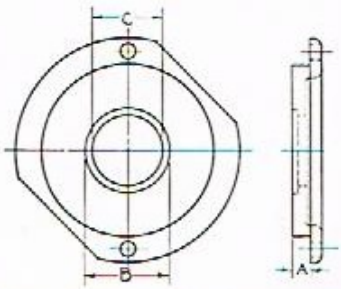
No.	Purpose	Each
L	Standard for R5	



For micarta base to hold M5A, N5A, O5A and R5A Templet Guides.

No.	Purpose	A	B	C	Each
X1	Adapter for R5 or R5A Plain Base	3/8	1 3/16	1 5/16	
X2	Adapter for R5 or R5A Tilting Base	7/16	1 7/16	1 5/16	

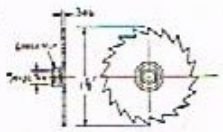
Use X1 with Dovetail Templet for R5A



No.	Purpose	A	B	C	Each
X4	Adapter for Dovetail Templet for R5 Only	3/4	1 1/2	1 1/2	

Standard Saws

B-SAW

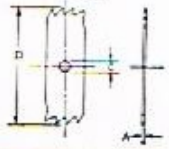


Description	Each
Circular	

C-SAW

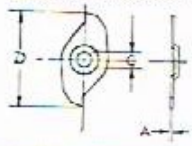
Description	A	C	D	Each
Circular	5/16	5/16	2	

D-SAW



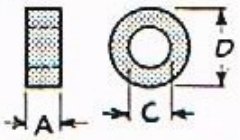
Description	A	C	D	Each
End Saw	1/16	5/16	3	

E-SAW — KERFING



Description	A	C	D	Each
Kerfing	1/8	5/8 Tapered	1	

Spacer Collars



No.	A	C	D	Each
S7	7/16	5/16	1/16	
S7	1/16	"	"	
S7	3/4	"	"	
S7	5/16	"	"	
S7	3/8	"	"	
S4	7/16	5/16	1/16	
S4	1/16	"	"	
S4	3/4	"	"	
S4	5/16	"	"	
S4	3/8	"	"	
S4	7/16	"	"	
S2	3/4	5/16	1	
S2	1/16	"	"	
S2	3/4	"	"	
S2	1	"	"	

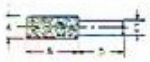
Templet Pins and Rollers

No. TR1003 – 5/16" Pin (for Rollers)..
No. TR1001 – 3/16" and 3/4" Pin (double end).....
No. TR1002 – 3/16" and 5/8" Pin (double end).....
No. TR1004 – 3/4" Roller.....
No. TR1005 – 1/4" Roller.....
No. TR1006 – 1/16" Roller.....

No. TR1007 – 1/2" Roller.....
No. TR1008 – 5/8" Roller.....
No. TR1009 – 3/4" Roller.....
No. TR1010 – 13/16" Roller.....
No. TR1011 – 7/8" Roller.....
No. TR1012 – 15/16" Roller.....
No. TR1013 – 1/8" Roller.....
No. TR1014 – 1 1/16" Roller.....
No. TR1015 – 1" Roller.....

Carter Grinding Wheels with Shanks

For general grinding or for special grinding as mentioned. Shanks fit in Router Chuck or Adapter.



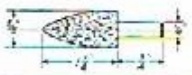
For sharpening round flute bits.

No.	A	B	C	D	Each
A1	3/4	15/16	3/4	11/16	
A2	3/8	"	"	5/8	
A3	5/8	"	"	1 3/8	

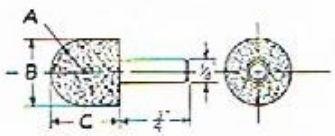
For sharpening small diameter bits.

No.	Dia.	Lgt.	Shk.	L. of Shk.	Each
B1 Point	3/4	1 1/16	3/4	3/4	

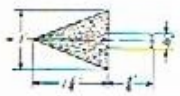
No.	Dia.	Lgt.	Shk.	L. of Shk.	Each
C1 Round	3/4	11/16	3/4	11/16	



No.	Dia.	Lgt.	Shk.	L. of Shk.	Each
M Roller	5/8	1 1/4	3/4	3/4	



No.	A	B	C	Shk.	L. of Shk.	Each
N Ball	3/4	3/4	3/8	3/4	3/4	
O Ball	1	1	1/2	3/4	3/4	



No.	Dia.	Lgt.	Shk.	L. of Shk.	Each
P Cone	1	1 3/4	3/4	3/4	

For sharpening straight router bits.

No.	Dia.	Lgt.	Shk.	L. of Shk.	Each
Z Taper	3/4	3/4	3/4	1 3/4	

Carter Grinding Wheels with Arbor Holes

Screw on to Shaper Spindles or can be used with Arbor and Spindles in Router or Aerial Grinder Chucks.

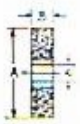
For sharpening S1 and S7 cutters, power plane cutter, etc.

No.	A	B	C	Each
I	1	5/8	3/4	
II	"	"	5/16	
J	2	"	3/4	
JJ	"	"	5/16	

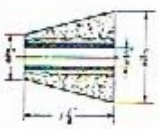
Particularly adapted for sharpening dovetail bits.

No.	A	B	C	Each
IB Bevel	1	5/8	3/4	
IIB	1 1/16	"	5/16	

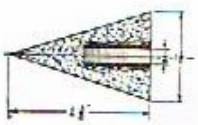
No.	A	B	C	Each
H	3/4	1/2	3/4	
HH	"	"	5/16	



No.	A	B	C	Each
K	1 1/2	1/2	1/4	
KK	"	"	5/16	
T	"	3/4	3/4	

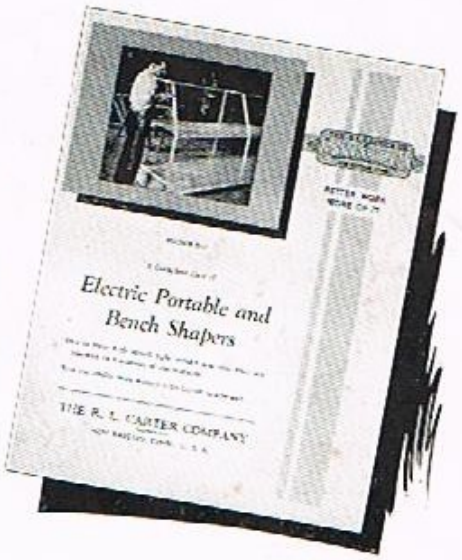


No.	Dia.	Thick.	Hole	Each
X Cone	1 3/4	1 3/4	1/2	



No.	Dia.	Thick.	Hole	Each
W Cone	1 3/4	2 3/4	3/4 x 24 Thd.	

Send for This Folder



"Folder D Carter Shapers" illustrates a complete line of portable and stationary Shapers from 1/7 H.P. to 3 H.P.

One of the many exclusive features of Carter Shapers is the tilting spindle which allows the use of small diameter cutters for heavy work and eliminates time spent in grinding, matching and balancing shaper blades. Cutter economy is brought to the highest degree by the tilting spindle feature. Three small standard cutters on the tilting spindle will produce more than six hundred different mouldings.

Let us send you Folder "D" also any of the other Folders listed below.

Folder A. Describes an Electric Plane, Hinge Mortising equipment and an Electric Lock Mortiser. Planes and fits doors six times faster than is possible by hand.

Folder B. Electric Weatherstrip Tools for grooving, rabbeting and kerfing.

Folder E. A 3 H.P. Heavy Duty Electric Router and "Under" Templet for stair routing.

Folder F. Complete description and illustration of the Combination Table Router and Shaper.

Folder GH. Bench Grinders, Aerial Grinders, Tool Post Grinders, Portable Electric Saw, Portable Disc Sander and light weight, short length Electric Screw Drivers and Drills.

Folder K. Bits, Cutters, Adapters, Spindles, Arbors, Templet Guides, Grinding Mediums, Wheels and Pencils.

Folder M. Pictures Carter Electric Table Routers, Shapers and Spindle Carvers.

OUR GUARANTEE AND REPAIR POLICY

If any trouble develops, BY ALL MEANS return machine to factory for repairs. We make NO LABOR CHARGE for any repairs. Replacement parts, necessarily used, cost just the same as when purchased with complete machine. All machines are guaranteed against defective workmanship or materials, but we cannot guarantee against abuse, so keep cutters sharp and use your machine with judgment, oiling it at least once a day. Repairs or attempted repairs outside of our factory make this guarantee NULL AND VOID. Transportation charges defrayed by customer.

THE R. L. CARTER CO., Inc.

The R. L. Carter Company, Inc.

New Britain, Conn., U. S. A.

Originators and Sole Manufacturers of

The Hand Shaper — **The Fully Adjustable Router**

The Door Set — **The Stair Set**

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